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Goetland HD30

Goetland HD30 1x30mm Red Dot Sight Instruction Manual

Model: HD30 (RSC0005-02)

1. Product Overview

The Goetland HD30 1x30mm Red Dot Sight is designed for precision, durability, and reliability, suitable for various shooting applications. It features a classic dot reticle with red/green illumination and 5-level brightness control, allowing for versatile use in different lighting conditions. Constructed from aerospace-grade aluminum alloy with nitrogen filling, this sight offers waterproof and fogproof performance. It is compatible with most equipment requiring a 20mm Weaver/Picatinny Rail.

Package Contents



The Goetland HD30 Red Dot Sight package typically includes the following items:

- **1. Scope:** The main red dot sight unit.
- **2. Gift Box:** Protective packaging for the sight.
- **3 & 4. Protective Covers:** Flip-up lens caps to protect the objective and ocular lenses.
- **5. Cleaning Cloth:** For maintaining clear optics.
- **6. User Manual:** This instruction guide.

Image: Contents of the Goetland HD30 Red Dot Sight package, showing the scope, gift box, protective covers, cleaning cloth, and user manual.

2. Setup and Installation

2.1 Mounting the Sight

The Goetland HD30 Red Dot Sight is designed for easy installation on any 20mm Weaver/Picatinny rail. Ensure your firearm or equipment has a compatible rail system before proceeding.

1. Loosen the mounting screws on the base of the red dot sight.
2. Align the sight's base with the Weaver/Picatinny rail on your equipment.
3. Slide the sight onto the rail to your desired position.
4. Tighten the mounting screws securely. Do not overtighten, as this can damage the rail or the sight.

2.2 Battery Installation

The Goetland HD30 Red Dot Sight requires one CR2032 battery (not included). Ensure correct polarity during installation.

1. Locate the battery compartment cap, usually on the top or side of the sight.
2. Unscrew the battery compartment cap.
3. Insert a fresh CR2032 battery with the positive (+) side facing upwards.
4. Replace the battery compartment cap and tighten it firmly to ensure a waterproof seal.

2.3 Attaching Lens Caps

The included flip-up lens caps protect the objective and ocular lenses from dust, dirt, and scratches when not in use.

- Place the larger cap over the objective lens (front).
- Place the smaller cap over the ocular lens (rear).
- Ensure they fit snugly to provide adequate protection.



Image: Goetland HD30 Red Dot Sight showing the flip-up lens caps in open and closed positions, along with the windage and elevation adjustment knobs.

3. Operating Instructions

3.1 Powering On/Off and Brightness Control

The Goetland HD30 features red and green illumination with 5 brightness levels for each color.

1. Rotate the brightness control knob, located on the top of the sight, to turn the unit ON.
2. Select either 'R' for red dot illumination or 'G' for green dot illumination.
3. Adjust the knob to your desired brightness level (1-5). Level 1 is the dimmest, and 5 is the brightest.

4. To turn the sight OFF, rotate the knob to the '0' position.



Image: Goetland HD30 Red Dot Sight illustrating the red and green dot illumination settings and the brightness control knob.

3.2 Windage and Elevation Adjustments

To zero your sight, use the windage and elevation adjustment knobs. These knobs are typically covered by protective caps which should be removed before adjustment.

- **Elevation Adjustment:** The knob on the top of the sight adjusts the vertical position of the dot. Turning it clockwise typically moves the point of impact down, and counter-clockwise moves it up.
- **Windage Adjustment:** The knob on the side of the sight adjusts the horizontal position of the dot. Turning it clockwise typically moves the point of impact right, and counter-clockwise moves it left.

Make small, incremental adjustments and test fire after each adjustment until the point of aim matches the point of impact.

4. Maintenance and Care

Proper maintenance ensures the longevity and optimal performance of your Goetland HD30 Red Dot Sight.

4.1 Cleaning the Lenses

- Always use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses.
- Gently wipe the lens surfaces to remove dust and smudges. Avoid using harsh chemicals or abrasive materials.
- For stubborn dirt, a small amount of lens cleaning solution designed for optics can be applied to the cloth, not directly to the lens.

4.2 General Care and Storage

- Keep the lens caps on when the sight is not in use to protect the lenses.
- Store the sight in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, remove the battery to prevent leakage and potential damage to the electronics.
- The sight is waterproof and fogproof due to its nitrogen-filled, aerospace-grade aluminum alloy construction. However, avoid unnecessary exposure to harsh conditions or submersion.



Image: Goetland HD30 Red Dot Sight demonstrating its robust construction with icons for waterproof, shockproof, and fogproof capabilities.

5. Troubleshooting

If you encounter issues with your Goetland HD30 Red Dot Sight, refer to the following common troubleshooting steps:

- **Dot Not Appearing:**
  - Ensure the brightness control knob is turned ON and set to a visible level (not '0').
  - Check the battery. Replace the CR2032 battery if it is dead or low.
  - Verify the battery is inserted with correct polarity (+ side up).
  - Ensure the battery cap is securely tightened.
- **Dot Appears Dim or Flickering:**
  - Replace the battery with a fresh CR2032.
  - Clean the battery contacts inside the compartment and on the battery itself.
  - Ensure the battery cap is fully tightened.
- **Dot Not Holding Zero:**
  - Check that the sight is securely mounted to the rail. Tighten mounting screws if loose.
  - Ensure the windage and elevation adjustment knobs are not loose or easily moved.
  - Verify that the rail itself is stable and not loose on your equipment.
- **Dot Appears Blurry or Distorted:**
  - This can sometimes be an optical illusion due to astigmatism. Try looking through the sight with your non-dominant eye or through a small pinhole to see if the dot appears clearer.
  - Ensure the lenses are clean and free from smudges or debris.

If these steps do not resolve the issue, please contact Goetland customer support for further assistance.

6. Specifications

Feature	Specification
Model Number	HD30 (RSC0005-02)
Objective Diameter	30 mm (1.18 inches)
Reticle Type	Classic Dot, Red/Green Illumination
Brightness Control	5 levels for each color
Mounting Type	20mm Picatinny Mount
Material	Aerospace-grade Aluminum Alloy
Environmental Features	Waterproof, Fogproof (Nitrogen Filled)
Product Dimensions (L x W x H)	9.6L x 6.7W x 5.2H Centimetres (3.78 x 2.64 x 2.05 inches)
Item Weight	200 Grams (7.05 ounces)
Compatible Devices	Rifle, Airsoft Gun, Tactical & Military equipment
Field Of View	57 Degrees
Battery Type	CR2032 (not included)
Color	Sand

7. Warranty and Support

7.1 Warranty Information

The Goetland HD30 Red Dot Sight is backed by a**1-year replacement warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, unauthorized modification, or improper installation.

Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions, issues, or warranty claims regarding your Goetland HD30 Red Dot Sight, please contact our customer support team. We are committed to providing responsive assistance.

- **Email:** cs@goetland.com
- **Manufacturer:** Shanghai Goetland Trading Co, Ltd.

When contacting support, please provide your product model number (HD30 or RSC0005-02) and a detailed description of the issue.

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